

NEW SUPPLY ROUTES SAVING CARBON EMISSIONS IN LATIN AMERICA

This sustainability story is one of many that shows how Olin products, technologies, ideas, and people are having a positive impact on our world.

SUSTAINABILITY CHALLENGE

- On the west-coast of South America, Olin Epoxy customers were supplied exclusively with containerships coming from the USA through Panama Canal, shipping on a sea route of 7,725 Kilometers (Km).
- Shipping congestion and uncertainty about global container supply increased the total transit time and logistics costs, also reducing competitiveness against other suppliers.

OLIN'S SOLUTION

- Olin teams established a direct and reliable intermodal connection by short-sea shipping between the Olin Guaruja Plant, Brazil, and main destinations along the west coast of South America including Chile, Peru, and Ecuador.
- Olin also selected short-sea shipping companies in Brazil which are testing a new marine vessel (named B7) with ~7% biodiesel which reduces the total carbon footprint up to 0,196 Kg CO₂ per liter.

POSITIVE IMPACT

- This 6,510 Km strategic sea route through the Strait of Magellan avoids 4,050 Kg of CO₂ annually and reduces transit time by 21 days.
- Additionally, each container shipped through this new supply route operating with biodiesel B7 also contributes an extra reduction of 43,5 Kg CO₂ emissions, leading to an annual saving of more than 1.3 MT of CO₂.



DID YOU KNOW?

Brazil is the **second world largest green fuels producer** focused on ethanol from sugar cane and biodiesel with distinct productive processes from castor bean, soybean, peanuts, cotton, palm, sunflower and jatropha.